INDEX OF AUTHORS

Author	Page
Abbott, John – see Mahagaonkar, Madhu	
Allison, Robert W. – see Ellis, Murray J.	
Allison, Robert W. – see Lloyd, John A.	
Allison, Robert W. – see McGrouther, Kim G.	
Allison, Robert W., Clark, Thomas A., and Ellis, Murray J. – 'Process effects on the response of softwood kraft pulp to enzyme assisted bleaching'	201
Alric, Isabelle. – see Pham, Phuong Lan	
Annala, Kaisu. – 'The effect of the new cooking and bleaching technology on pulp mill balances'	223
Ashburn, Mike J. – see Lloyd, Mike D.	
Bajpai, Pramod K. – see Bhardwaj, Nishi K.	
Bajpai, Pratima. – see Bhardwaj, Nishi K.	
Banham, Paul – see Mahagaonkar, Madhu	
Banham, Paul – see Barnett, Vicky	
Barnett, Vicky, Banham, Paul and Yates, Brian – 'A search for an artificial light source closely resembling the photo-reversion responses of thermomechanical pulps exposed to sunlight'	288
Bawden, A. Dell – see Kibblewhite, R. Paul	
Bengs, Ulf, Lönnberg, Bruno and Lucander, Mikael – 'Effect of grinding zone length in wood grinding'	139
Bennington, Chad P.J. – see Smith, Richard J.	
Bhardwaj, Nishi K., Bajpai, Pratima and Bajpai, Pramod K. – 'Use of enzymes to improve drainability of secondary fibres'	378
Branch, Craig A. and Müller-Steinhagen, Hans M. – 'Fouling during heat transfer to kraft black liquor. Part 1: Experimental results'	45
Branch, Craig A. and Müller-Steinhagen, Hans M. – 'Fouling during heat transfer to kraft black liquor. Part II: Analysis of deposits and modelling'	279
Brindley, Catherine – see Kibblewhite, R. Paul	
Bruce, Mary E. – see Clark, Thomas A.	
Chalmers, Ian R. – see Lloyd, Mike D.	
Chin, Charles W.J. – see Ryynänen, Helena	
Clark, Thomas A. and Bruce, Mary E. – 'The effects of total sulfur concentration and reactor pH on the anaerobic co-treatment of CTMP wastewater and domestic sewage'	30
Clark, Thomas A. – see Allison, Robert W	
Coghill, Ralph S., Dahl, Stephen and Thurley, David – 'Wastewater management at Australian Newsprint Mills Albury: responding to community expectations'	25
Collins, Nicholas J. – see Emmanuel, Andrew	
Covey, Geoffrey H. and Nguyen, K. Loi – 'Effects of fines on the operation of the direct alkali recovery system (DARS)'	37
Dahl, Stephen – see Coghill, Ralph S.	
Daneault, Claude – see Leduc, Céline	
Daneault, Claude – see Sain, Mohini M.	
Delaunois, Paul – see Leduc, Céline	
Delmas, Michael – see Pham, Phuong Lan	
Dodson, Christopher T.J. – see Scharcanski, Jacob	
Donlon, Peter J. – see Duncan, Annabelle	
Downes, Geoffrey – see Evans, Robert	
Duffy, Geoffrey G. – 'Flow of medium consistency wood pulp fibre suspensions'	51
Duncan, Annabelle, Thia, Bee C., Jelbart, Jenny and Donlon, Peter J. – 'Factors influencing the treatment of Australian pulp mill effluent'	295
Dunn, Lawrence A. – see Stack, Karen R.	
Ellis, Murray J. – see Allison, Robert W	
Evans, Robert – see Stuart, Sue-Anne	
Ellis, Murray J., Allison, Robert W. and Kibblewhite, R. Paul – 'The effect of laboratory mixing at medium pulp concentration on radiata pine kraft pulp'	358
Evans, Robert, Downes, Geoffrey, Menz, David and Stringer, Sharee – 'Rapid measurement of variation in tracheid transverse dimensions in a radiata pine tree'	134
Emmanuel, Andrew and Collins, Nicholas J. – 'Paper mill frictionizing trials using chemical additives to increase layer to layer coefficient of friction'	129
Francis Ross – see Thurley, David	
French, Jim – see Maddern, Kenneth N.	
Howard, D., Larson, K.H., Tkacz, A.F. and Mardon, J. – 'Troubleshooting the twin wire paper machine'	147
Jaspers, Charles – see Leduc, Céline	
Jelbart, Jenny – see Duncan, Annabelle	
Karisson, Markku, Timofeev, Oleg, Paavola, Pasi, Malashenko, Alex and Taskinen, Pekka – 'Analysis of performance of a multicylinder dryer, using computer simulation model and experimental data'	143
Kibblewhite, R. Paul – see Ellis, Murray J.	
Kibblewhite, R. Paul, Bawden, A. Dell and Brindley Catherine L. – 'TMP fibre and fines qualities of thirteen radiata pine wood types'	367
Krishnagopalan, Gopal A. – see Sethuraman, Jagadeesan	
Larson, K.H. – see Howard, D.	
Leduc, Céline, Daneault, Claude, Delaunois, Paul, Jaspers, Charles and Pennickx, Michel – 'Enzyme pretreatment of kraft pulp to reduce consumption of bleach chemicals'	435
Lloyd, John A., Allison, Robert W. and Wrathall, Stephen H. – 'MCC pulping with additives and modified sulfidity profiles'	284
Lloyd, Mike D., Ashburn, Mike J. and Chalmers, Ian R. – 'Use of a laser sensor to characterize roughness of linerboard and other paper grades'	218
Lönnberg, Bruno – see Bengs, Ulf	
Lucander, Mikael – see Bengs, Ulf	
Maddern, Kenneth N. and French, Jim – 'The potential application of non-wood fibres in papermaking: an Australian perspective'	191
Mahagaonkar, Madhu and Abbott, John – 'Peroxide bleaching of radiata pine TMP and *Eucalyptus regnans* cold caustic soda pulps with sodium hydroxide and magnesium oxide'	40
Mahagaonkar, Madhu and Banham, Paul – 'Effect of deinking on optical and physical properties of secondary fibre after pulping and flotation'	429
Maijala, Ari – see Räisanen, Kari	
Malashenko, Alex – see Karisson, Markku	
Malthouse, David D. and Popson, S.J. – 'A new way of measuring the effect of fluorescent whitening agents'	56
Marchildon, Lorenzo – see Sain, Mohini M.	
Mardon, J. – see Howard, D.	
Maughan, Stuart – see Stack, Karen R.	
McGrouther, Kim G. and Allison, Robert W. – 'Peroxymonosulfate and dimethyldioxirane as interstage treatments in two-stage oxygen delignification'	445
Menz, David – see Evans, Robert	
Michell, Anthony J. – 'Pulpwood quality estimation by near-infrared spectroscopic measurements on eucalypt woods'	425
Müller-Steinhagen, Hans M. – see Branch, Craig A.	

INDEX OF AUTHORS

Author	Page
Abbott, John – see Mahagaonkar, Madhu	
Allison, Robert W. – see Ellis, Murray J.	
Allison, Robert W. – see Lloyd, John A.	
Allison, Robert W. – see McGrouther, Kim G.	
Allison, Robert W., Clark, Thomas A., and Ellis, Murray J. – 'Process effects on the response of softwood kraft pulp to enzyme assisted bleaching'	201
Alric, Isabelle. – see Pham, Phuong Lan	
Annala, Kaisu. – 'The effect of the new cooking and bleaching technology on pulp mill balances'	223
Ashburn, Mike J. – see Lloyd, Mike D.	
Bajpai, Pramod K. – see Bhardwaj, Nishi K.	
Bajpai, Pratima. – see Bhardwaj, Nishi K.	
Banham, Paul – see Mahagaonkar, Madhu	
Banham, Paul – see Barnett, Vicky	
Barnett, Vicky, Banham, Paul and Yates, Brian – 'A search for an artificial light source closely resembling the photo-reversion responses of thermomechanical pulps exposed to sunlight'	288
Bawden, A. Dell – see Kibblewhite, R. Paul	
Bengs, Ulf, Lönnberg, Bruno and Lucander, Mikael – 'Effect of grinding zone length in wood grinding'	139
Bennington, Chad P.J. – see Smith, Richard J.	
Bhardwaj, Nishi K., Bajpai, Pratima and Bajpai, Pramod K. – 'Use of enzymes to improve drainability of secondary fibres'	378
Branch, Craig A. and Müller-Steinhagen, Hans M. – 'Fouling during heat transfer to kraft black liquor. Part 1: Experimental results'	45
Branch, Craig A. and Müller-Steinhagen, Hans M. – 'Fouling during heat transfer to kraft black liquor. Part II: Analysis of deposits and modelling'	279
Brindley, Catherine – see Kibblewhite, R. Paul	
Bruce, Mary E. – see Clark, Thomas A.	
Chalmers, Ian R. – see Lloyd, Mike D.	
Chin, Charles W.J. – see Ryynänen, Helena	
Clark, Thomas A. and Bruce, Mary E. – 'The effects of total sulfur concentration and reactor pH on the anaerobic co-treatment of CTMP wastewater and domestic sewage'	30
Clark, Thomas A. – see Allison, Robert W	
Coghill, Ralph S., Dahl, Stephen and Thurley, David – 'Wastewater management at Australian Newsprint Mills Albury: responding to community expectations'	25
Collins, Nicholas J. – see Emmanuel, Andrew	
Covey, Geoffrey H. and Nguyen, K. Loi – 'Effects of fines on the operation of the direct alkali recovery system (DARS)'	37
Dahl, Stephen – see Coghill, Ralph S.	
Daneault, Claude – see Leduc, Céline	
Daneault, Claude – see Sain, Mohini M.	
Delaunois, Paul – see Leduc, Céline	
Delmas, Michael – see Pham, Phuong Lan	
Dodson, Christopher T.J. – see Scharcanski, Jacob	
Donlon, Peter J. – see Duncan, Annabelle	
Downes, Geoffrey – see Evans, Robert	
Duffy, Geoffrey G. – 'Flow of medium consistency wood pulp fibre suspensions'	51
Duncan, Annabelle, Thia, Bee C., Jelbart, Jenny and Donlon, Peter J. – 'Factors influencing the treatment of Australian pulp mill effluent'	295
Dunn, Lawrence A. – see Stack, Karen R.	
Ellis, Murray J. – see Allison, Robert W	
Evans, Robert – see Stuart, Sue-Anne	
Ellis, Murray J., Allison, Robert W. and Kibblewhite, R. Paul – 'The effect of laboratory mixing at medium pulp concentration on radiata pine kraft pulp'	358
Evans, Robert, Downes, Geoffrey, Menz, David and Stringer, Sharee – 'Rapid measurement of variation in tracheid transverse dimensions in a radiata pine tree'	134
Emmanuel, Andrew and Collins, Nicholas J. – 'Paper mill frictionizing trials using chemical additives to increase layer to layer coefficient of friction'	129
Francis Ross – see Thurley, David	
French, Jim – see Maddern, Kenneth N.	
Howard, D., Larson, K.H., Tkacz, A.F. and Mardon, J. – 'Troubleshooting the twin wire paper machine'	147
Jaspers, Charles – see Leduc, Céline	
Jelbart, Jenny – see Duncan, Annabelle	
Karisson, Markku, Timofeev, Oleg, Paavola, Pasi, Malashenko, Alex and Taskinen, Pekka – 'Analysis of performance of a multicylinder dryer, using computer simulation model and experimental data'	143
Kibblewhite, R. Paul – see Ellis, Murray J.	
Kibblewhite, R. Paul, Bawden, A. Dell and Brindley Catherine L. – 'TMP fibre and fines qualities of thirteen radiata pine wood types'	367
Krishnagopalan, Gopal A. – see Sethuraman, Jagadeesan	
Larson, K.H. – see Howard, D.	
Leduc, Céline, Daneault, Claude, Delaunois, Paul, Jaspers, Charles and Pennickx, Michel – 'Enzyme pretreatment of kraft pulp to reduce consumption of bleach chemicals'	435
Lloyd, John A., Allison, Robert W. and Wrathall, Stephen H. – 'MCC pulping with additives and modified sulfidity profiles'	284
Lloyd, Mike D., Ashburn, Mike J. and Chalmers, Ian R. – 'Use of a laser sensor to characterize roughness of linerboard and other paper grades'	218
Lönnberg, Bruno – see Bengs, Ulf	
Lucander, Mikael – see Bengs, Ulf	
Maddern, Kenneth N. and French, Jim – 'The potential application of non-wood fibres in papermaking: an Australian perspective'	191
Mahagaonkar, Madhu and Abbott, John – 'Peroxide bleaching of radiata pine TMP and *Eucalyptus regnans* cold caustic soda pulps with sodium hydroxide and magnesium oxide'	40
Mahagaonkar, Madhu and Banham, Paul – 'Effect of deinking on optical and physical properties of secondary fibre after pulping and flotation'	429
Maijala, Ari – see Räisanen, Kari	
Malashenko, Alex – see Karisson, Markku	
Malthouse, David D. and Popson, S.J. – 'A new way of measuring the effect of fluorescent whitening agents'	56
Marchildon, Lorenzo – see Sain, Mohini M.	
Mardon, J. – see Howard, D.	
Maughan, Stuart – see Stack, Karen R.	
McGrouther, Kim G. and Allison, Robert W. – 'Peroxymonosulfate and dimethyldioxirane as interstage treatments in two-stage oxygen delignification'	445
Menz, David – see Evans, Robert	
Michell, Anthony J. – 'Pulpwood quality estimation by near-infrared spectroscopic measurements on eucalypt woods'	425
Müller-Steinhagen, Hans M. – see Branch, Craig A.	

Nelson, Peter J. – 'Dioxin measurements in relation to the Commonwealth guidelines for new bleached eucalypt kraft pulp mills' 299
Nelson, Peter J. – see Ryynänen, Helena
Nguyen, K. Loi – see Covey, Geoffrey H.
Nguyen, Kien Loi – see Sun, Yan-ping
Nordström, Bengt and Norman, Bo – 'Effects on formation, retention, and mechanical properties of forming blade separation in a twin-wire roll-blade former' 19
Norman, Bo – see Nordström, Bengt

Paavola, Pasi – see Karisson, Markku
Paulapuro, Hannu – see Räisanen, Kari
Pednault, Carl – see Sain, Mohini M.
Peng, Yu-xiu., – 'Fracture toughness of paper' 343
Pennickx, Michel – see Leduc, Celine
Pham, Phuong Lan, Alric, Isabelle and Delmas, Michael – 'Incorporation of xylanase in total chlorine free bleach sequences using ozone and hydrogen peroxide' 213
Popson, S.J. – see Malthouse, David D.

Räisanen, Kari Paulapuro, Hannu and Maijala, Ari – 'Effect of vacuum level and suction time on vacuum assisted drainage' 269
Robert, Sylvain – see Sain, Mohini M.
Ryynänen, Helena, Nelson, Peter J. and Chin, Charles W.J. – 'Ozone bleaching of eucalypt kraft pulps' 440

Sain, Mohini M., Marchildon, Lorenzo, Daneault, Claude, Pednault, Carl and Robert, Sylvain – 'Infrared energy transfer mechanism in constant and falling rate periods of paper drying and its correlation to drying efficiency' 351
Scharcanski, Jacob and Dodson, Christopher T.J. – 'A new simulator for paper forming using neural network methods' 347
Sethuraman, Jagadeesan and Krishnagopalan, Gopal A. – 'Liquor concentration measurement for causticizing control' 207
Smith, Richard J. and Bennington, Chad P.J. – 'Mixing gases and pulp suspensions in a continuous laboratory mixer' 414
Stack, Karen R., Dunn, Lawrence A. and Maughan, Stuart – 'Deinked pulp and the Netbond retention aid system' 275
Stringer, Sharee – see Evans, Robert
Stuart, Sue-Anne and Evans, Robert – 'X-ray diffraction estimation of the microfibril angle variation in eucalypt wood' 197
Sun, Yan-ping, Nguyen, Kien Loi and Wallis Adrian F.A. – 'Totally chlorine-free bleaching of eucalypt kraft pulp incorporating a UV-peroxide stage' 363

Taskinen, Pekka – see Karisson, Markku
Thia, Bee C. – see Duncan, Annabelle
Thurley, David and Francis, Ross – 'Design of modern waste paper deinking process ' 125
Thurley, David – see Coghill, Ralph S.
Timofeev, Oleg – see Karisson, Markku
Tkacz, A.F. – see Howard, D.
Travers, Richard – see Zubryn, Eugene

Wallis Adrian F.A. – see Sun, Yan-ping
Wrathall, Stephen H. – see Lloyd, John A.

Yates, Brian – see Barnett, Vicky

Zubryn, Eugene and Travers, Richard – 'Tear and Scott plybond instruments based on kinetic energy measurement' 419

SPECIAL ARTICLES

Title	Page
Appita Asia Profile – Forcus on India	8
Solid waste management at ANM, Albury – waste problems to resource opportunity.	12
Appita Ambassadors	12,92,182,257
Further development of an on-line pulp brightness meter	16
All about Carter Holt Harvey	84
Appita Asia: Business opportunities in the Asia-Pacific pulp and paper industry	88
1994 Appita Awards	115
ANM's Albury Mil and the environment	117
Processing options for Australian eucalypts	118
A next generation headbox	122
All about AP Broadford	177
Appita Asia: Indonesia: past, present and future	180
Improving winder productivity	184
Update on Print-Surf calibration task force	189
All about.....Visy Paper's new US mill	254
Deinking at Voith Technology Centre	258
A chance to surge ahead	263
Keynote address	265
LR Benjamin Medal acceptance	267
Presidential address	268
Harvesting the urban forest – Trends in the Recyclable Paper Market	328
Appita Asia – Chinese Characters – The middle kingdom paper industry	337
Environment assessment: should you do it yourself?	332
Pulping Technologies for the 21st Century – A North American View – Part one	335
Information Services to the pulp and paper industry	340
Appita environmental seminar	399
New kraft mills in Australia – Environmental guidelines	402
Appita Asia	405
Pulping technologies for the 21st Century – A North American view Part two – Current status and the drivers for change	408
A modern approach to wet-end monitoring and control	412